

MEANS AND METHODS FOR MONITORING  
NON-NUCLEOSIDE REVERSE TRANSCRIPTASE  
INHIBITOR ANTIRETROVIRAL THERAPY AND GUIDING  
5 THERAPEUTIC DECISIONS IN THE TREATMENT OF HIV/AIDS

**Abstract of the Invention**

10 This invention relates to antiviral drug susceptibility and  
resistance tests to be used in identifying effective drug  
regimens for the treatment of human immunodeficiency virus  
(HIV) infection and acquired immunodeficiency syndrome  
(AIDS) and further relates to the means and methods of  
15 monitoring the clinical progression of HIV infection and its  
response to antiretroviral therapy, particularly non-  
nucleoside reverse transcriptase inhibitor therapy using  
phenotypic susceptibility assays or genotypic assays.